

IN THE CLAIMS:

Please cancel claims 1-9.

Please add new claims 10-14 as follows:

--10. An integrative encoding system for encoding and transmitting a plurality of video signals having different resolutions, comprising:

a compression processor for performing hierarchical encoding on the plurality of video signals by selectively replacing pixels of a higher resolution level with pixels from a lower resolution level calculated by combining pixels from said higher resolution level; thereby encoding a hierarchy of resolution levels within the plurality of video signals without increasing the amount of data;

an editing processor for editing the hierarchically encoded plurality of video signals into a bit stream; and

an integrated services digital broadcasting (ISDB) transmitter having:

a time code generator for generating a time code synchronized to the bit stream;

an additive information generator for generating additive information in synch with said synchronous signal; and

a multiplexer for multiplexing said bit stream, said additive information, and said time code into ISDB data for transmission.--

--11. The integrative encoding system according to claim 10, wherein said additive information includes computer graphics and network data.--

--12. The integrative encoding system according to claim 10, wherein said additive information comprises information of local area interest to a viewer and is identified by an area code.--

--13. The integrative encoding system according to claim 10, wherein said plurality of video signals comprises a high definition video signal and a standard definition video signal.--

--14. A video signal editing apparatus, comprising:

video signal input means for inputting a plurality of video signals;

data block forming means for forming a data block from said plurality of video signals;

compression means for compressing said plurality of video signals by performing hierarchical encoding on the basis of said data block; and

editing means for editing the compressed plurality of video signals on the basis of said data block.--